Appl. No.: 10/520,294

Response to Final Office Action of October 8, 2008

Amdt. Dated March 9, 2009

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for biologically controlling a cryptogamic vine disease,

comprising applying to a vine having said cryptogamic disease a mixture comprising consisting

essentially of at least one isolated bacterium and at least one isolated yeast and an inert vehicle, the

bacterium or bacteria and the yeast or yeasts being non-toxic to the vine, and said bacterium or

bacteria is/are selected from the group consisting of the Bacillus, Pseudomonas, Serratia and

Streptomyces genera, to treat said disease.

2. (Cancelled)

3. (Currently amended) The method according to elaim 2 claim 1, wherein the bacterium or

bacteria are from the Bacillus megaterium species and/or from the Bacillus subtilis species.

4. (Previously presented) The method according to claim 1, wherein the yeast or yeasts are

selected from the group consisting of the Debaryomyces genus and Pichia genus.

5. (Withdrawn) Bacterial strain, characterized in that it is the Bacillus megaterium (BP B-01)

strain deposited on the 20 Jun. 2002 at the CNCM under No. I-2897.

6. (Withdrawn) Bacterial strain, characterized in that it is the Bacillus subtilis (BP B-10) strain

deposited on the 20 Jun. 2002 at the CNCM under No. I-2940.

7. (Withdrawn) Yeast strain, characterized in that it is the yeast of the Debaryomyces (BP Y-

01) genus deposited on the 20 Jun. 2002 at the CNCM under no. I-2896.

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8. (Withdrawn) Biofungicide preparation, characterized in that it contains an effective quantity

of at least one composition of microorganisms comprising in a mixture at least one bacterium and at

least one yeast, the bacterium or bacteria and the yeast or yeasts being non-toxic to the plant, as well

as a composition of filamentous fungi, in particular of the Pichia, Pythium, Trichoderma,

Gliocladium, Ampelomyces, Talaromyces, Epicococcum genus in combination with an inert

vehicle.

9. (Withdrawn) Biofungicide preparation according to claim 8, characterized by

concentrations of yeast of 0.5 to 0.75×10^{10} and of bacteria of 0.30 to 0.50×10^{10} .

10. (Withdrawn) Biofungicide preparation, characterized in that it contains an effective quantity

of a mixture of strains according to claims 5 to 7.

11. (Withdrawn) Application of a preparation according to one of claims 8 to 10, for the

treatment of cryptogamic diseases in plants, in particular for crop plants, in particular for the aerial

parts for example vine, tomato, strawberry, wheat, tobacco, sugar cane, corn, rice, fruit-trees, tubers

for example potatoes or beet.

12. (Withdrawn) Application of a preparation according to one of claims 8 to 10 for the

treatment of powdery mildew, blue mould or Botrytis of the vine, and eutypa and esca.

13. (Withdrawn) Application according to claim 11 or 12, characterized in that it comprises a

treatment in particular by spraying with the bacterium or bacteria and said yeast or yeasts, according

to the pathogen pressure, in particular according to a ratio of approximately 50/50%.

14. (Withdrawn) Application according to any one of claims 11 to 13, characterized in that it

also comprises a treatment using a composition of filamentous fungi, in particular of the Pichia,

Pythium, Trichoderma, Gliocladium, Ampelomyces, Talaromyces, Epicococcum genus.

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15. (Withdrawn) Application of the biofungicide preparation according to any one of claims 8

to 10 as eliciting agent for the production of substances of interest by the treated plant, in particular

of resveratrol.

16. (New) The method of claim 1 wherein said at least one isolated bacterium comprises

Bacillus megaterium (BP B-01) strain (CNCM Deposit No. I-2897).

17. (New) The method of claim 1, wherein said at least one isolated bacterium comprises

Bacillus subtilis (BP B-10) (CNCM Deposit No. I-2940).

18. (New) The method of claim 1, wherein said at least one isolated yeast comprises

Debaryomyces (BP Y-01) (CNCM Deposit No. I-2896).

19. (New) The method of claim 1, wherein the yeast concentration of said mixture is about 0.5

to 0.75×10^{10} and bacterial concentration of said mixture is about 0.30 to 0.50×10^{10} .

20. (New) The method of claim 1, wherein said cryptogamic vine disease is selected from the

group consisting of powdery mildew, blue mould and Botrytis.

21. (New) The method of claim 1, wherein said applying includes spraying said vine with said

mixture having an approximately 50/50 ratio of bacteria to yeast.

22. (New) A method for biologically controlling a cryptogamic vine disease, comprising

applying to a vine having said cryptogamic disease a mixture consisting essentially of at least one

isolated bacterium, at least one isolated yeast, a composition of filamentous fungi consisting of the

Pichia, Pythium, Trichoderma, Gliocladium, Ampelomyces, Talaromyces, Epicococcum genera,

and an inert vehicle, the bacterium or bacteria and the yeast or yeasts being non-toxic to the vine,

and said bacterium or bacteria is/are selected from the group consisting of the Bacillus,

Pseudomonas, Serratia and Streptomyces genera, to treat said disease.

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